

PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 12**Complete if Known**

Application Number	09/849,657
Filing Date	05/04/2001
First Named Inventor	Harry Meade
Art Unit	1646 1632
Examiner Name	g. Hama
Attorney Docket Number	GTC-21

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
dup ↓		US- 4,407,956	10-04-1983	Howell	
		US- 4,485,040	11-27-1984	Roger et al.	
		US- 4,644,056	02-17-1987	Kothe et al.	
		US- 4,897,465	01-30-1990	Cordle et al.	
		US- 5,096,815	03-17-1992	Ladner et al.	
		US- 5,198,346	03-30-1993	Ladner et al.	
		US- 5,223,409	06-29-1993	Ladner et al.	
		US- 5,283,184	02-01-1994	Jorgensen et al.	
		US- 5,482,852	01-09-1996	Yoder et al.	
		US- 5,523,226	06-04-1996	Wheeler	
		US- 5,573,933	11-12-1996	Seamark et al.	
		US- 5,741,957	04-21-1998	Deboer et al.	
		US- 5,843,705	12-01-1998	DiTullio et al.	
		US- 6,268,487	07-31-2001	Kutzko et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
dup		WO 88/06630	09-07-1988	Genex Corp		
↓		WO 90/02809	03-22-1990	Protein Eng Cor		
		WO 90/06767	06-28-1990	Jolla Cancer		
		WO 92/09690	06-11-1992	Genentech Inc.		
		WO 93/25071	12-23-1993	DNX Corp		
		WO 94/19935	09-15-1994	Genzyme Corp		

Examiner Signature		Date Considered	10/11/05
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Sheet	2	of	12
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dup		WO 94/23046	10-13-1994	US Health		
		WO 95/04744	02-16-1995	DNX Corp		
		WO 95/22258	08-24-1995	Nuijens		
		WO 97/07669	03-06-1997	Campbell		
		WO 98/30683	07-16-1998	Univ Mass		

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		Examiner Name	J. Hama
Sheet 4	of 12	Attorney Docket Number	GTC-21

NON PATENT LITERATURE DOCUMENTS			
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dup		Adelman et al., DNA, 2: pg. 183-193 (1983)	
		Agterberg et al., Gene, 88: pgs. 37-45 (1990)	
		Alexander et al., Eur. J. Biochem., 178: pgs. 395-401 (1988)	
		Alexander et al., Nucleic Acids Res., 17: pg. 6739 (1989)	
		Altschul et al., J. Mol. Biol., 215: pgs. 403-410 (1990)	
		Altschul et al., Nucleic Acids Res., 25(17): pgs. 3389-3402 (1997)	
		Bader et al., Clinical and Experimental Pharmacology and Physiology, Supp. 3: S81-S87 (1996)	
		Barbas et al., PNAS, 89: pgs. 4457-4461 (1992)	
		Barret et al., Anal. Biochem, 204: pgs. 357-364 (1992)	
		Binding, H., "Regeneration of Plants", Plant Protoplasts, CRC Press, Boca Raton, pgs. 21-37 (1985)	

Examiner Signature	<i>[Signature]</i>	Date Considered	10/11/05
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dup		Brignon et al., FEBS Lett. 188: pgs. 48-54 (1985)	
		Campbell et al., Nucleic Acids Res., 12: pgs. 8685-8697 (1984)	
		Charbit et al., EMBO 5, pgs. 3029-3037 (1986)	
		Clackson et al., Nature, 352: pgs. 624-628 (1991)	
		Clark et al., Bio/Technology 7: pgs. 487-492 (1989)	
		Cull et al., PNAS USA, 89: pgs. 1865-1869 (1992)	
		Cunningham et al., Science, 244: pgs. 1081-1085 (1989)	
		Cwirla et al., PNAS, 87: pgs. 6378-6382 (1990)	
		Dale, P.J., "Protoplast Culture and Plant Regeneration of Cereals and Other Recalcitrant Crops", Protoplasts, Lecture Proceedings, pgs. 31-41 (1983)	
		Davey, M.R., "Recent Developments in the Culture and Regeneration of Plant Protoplasts", Protoplasts, Lecture Proceedings, pgs. 19-29 (1983)	

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Art Unit	1046 1632
Examiner Name	
Attorney Docket Number	GTC-21

Sheet 6

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dup		Devlin et al., Science, 249: pgs. 404-406 (1990)	
		DiTullio, Bio/Technology 10: pgs. 74-77 (1992)	
		Ebert et al., Bio/Technology, 12: pg. 699-702 (1994)	
		Evans et al., "Protoplasts Isolation and Culture", Handbook of Plant Cell Cultures, MacMillan Publishing Co., NY, 1: pgs. 124-176 (1983)	
		Feinberg et al., Anal. Bioc., 132: pgs. 6-13 (1983)	
		Fraley et al., Proc. Natl. Acad. Sci., USA, 80: pg. 4803-4807 (1983)	
		Fromm et al., Proc. Natl. Acad. Sci., USA, 82: pg. 5824-5828 (1985)	
		Fuchs et al., Bio/Technology, 9: pgs. 1369-1372 (1991)	
		Gallop et al., J. Med. Chem., 37(9): pgs. 1233-1251 (1994)	
↓		Ganderton et al., Drug Delivery to the Respiratory Tract, Ellis Horwood (1987)	

Examiner Signature	<i>John W. Meade</i>	Date Considered	10/11/05
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dup		Glossl, J., Biol. Chem., 259: pgs. 14144-14150 (1984)	
		Gonda, Critical Reviews in Therapeutic Drug Carrier Systems, 6: pgs. 273-313 (1990)	
		Gordon et al., Bio/Technology 5: pgs. 1183-1187 (1987)	
		Gorodetsky et al., Gene, 66: pgs. 87-96 (1988)	
		Gould et al., Proc. Natl. Acad. Sci., 86: pgs. 1934-1938 (1989)	
		Goward et al., TIBS, 18: pgs. 136-140 (1993)	
		Griffiths et al., EMBO J., 12: pgs. 725-734 (1993)	
		Grinnel, J., Cell Biol., 124: pgs. 401-404 (1994)	
		Hall, Biochem. J., 242: pgs. 735-742 (1987)	
✓		Hansson et al., J. Bacteriol., 174: pgs. 4239-4245 (1992)	

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dup		Harborne et al., Eds., The Flavonoids, Vols. 1 and 2, Acad. Press (1975)	
		Harlow et al., Antibodies, A Laboratory Manual, Cold Spring Harbor, New York (1988)	
		Herrmann et al., Methods Enzymology, 152: pgs. 180-183 (1987)	
		Hohn et al., Molecular Biology of Plant Tumors, Academic Press, NY, pgs. 549-560 (1982)	
		Horsch et al., "Inheritance of Functional Foreign Genes in Plants", Science, 233: pgs. 496-498 (1984)	
		Ike et al., Nucleic Acid Res., 11: pg. 477-488 (1983)	
		Itakura et al., Annu. Rev. Biochem., 53: pg. 323-356 (1984)	
		Itakura et al., Recombinant DNA, Proc 3rd Cleveland Sympos. on Macromolecules, ed. AG Walton, Amsterdam: Elsevier, pgs. 273-289 (1981)	
		Itakura et al., Science, 198: pg. 1056-1063 (1984)	

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		Jamieson et al., Gene, 61: pgs. 85-90 (1987)	
		Jones et al., J. Biol. Chem., 260: pgs. 7042-7050 (1985)	
		Karlin et al., Proc. Ntl. Acad. Sci. USA, 87: pgs. 2264-2268 (1990)	
		Karlin et al., Proc. Ntl. Acad. Sci. USA, 90: pgs. 5873-5877 (1993)	
		Klauser et al., EMBO J., 9: pgs. 1991-1999 (1990)	
		Klee et al., Annual Review of Plant Physiology, 38: pgs. 467-486 (1987)	
		Klein et al., Nature, 327: pgs 70-73 (1987)	
		Krusius et al., Proc. Ntl. Acad. Sci. USA, 83: p. 7683-7687 (1986)	

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		Leung et al., Technique 1: pgs. 11-15 (1989)	
		Maniatis et al., Molecular Cloning, A Laboratory Manual, Cold Spring Harbor, New York (1983)	
		Marks et al., J. Biol. Chem., 267: pgs. 16007-16010 (1992)	
		Mercier et al., J. Dairy Sci., 76: pgs. 3079-3098 (1993)	
JH		Myers et al., Science, 229: pg. 242 (1985)	
		Narang, S., Tetrahedron 39: pg. 3-22 (1983)	
		Paszkowski et al., EMBO J., 3: pgs. 2717-2722 (1984)	

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	09/849,657
Filing Date	05/04/2001
First Named Inventor	Harry Meade
Art Unit	1646 1632
Examiner Name	J. Hama
Attorney Docket Number	GTC-21

Sheet 11

of 12

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
dup		Pinkert, C., ed., Academic Press, Inc., Transgenic Animal Technology; A Handbook, (1994)	
		Raeburn et al., J. Pharmacol. Toxicol. Methods, 27: pgs 143-159 (1992)	
		Richards et al., J. Biol. Chem., 256: pgs. 526-532 (1981)	
		Roberts et al., PNAS, 89: pgs. 2429-2433 (1992)	
		Ruoslahti, E., Ann. Rev. Cell Biol., 4: pgs. 229-255 (1988)	
		Sambrook et al., Molecular Cloning: A Laboratory Manual, 2nd Ed., Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, (1989)	
		Schorr et al., Vaccines, 91: pgs. 387-392 (1991)	
		Scott et al., Science, 249: pgs. 386-390 (1990)	
		Selgrath et al., Theriogenology, pgs. 1195-1205 (1990)	
		Soulier et al., FEBS Letts., 297: pg. 13-18 (1992)	

Examiner Signature	<i>Joan Hama</i>	Date Considered	10/11/05
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Filing Date 05/04/2001

First Named Inventor Harry Meade

Art Unit 1645 1632

Examiner Name J. Hama

Attorney Docket Number GTC-21

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		Swaigood, H.E., Developments in Dairy Chemistry, I, Chemistry of Milk Protein, Applied Science Publishers, NY (1982)	
		Thiry et al., Appl. Environ. Microbiol., 55: pgs. 984-993 (1989)	
		Thomas, Proc. Natl. Acad. Sci., 77: pgs. 5201-5205 (1980)	
		Vilotte et al., Biochemie 69: pgs. 609-620 (1987)	
		Wells et al., Gene, 34: pg. 315-323 (1985)	
		White et al., "Current Topics in Complement Research: 64th Forum in Immunology", pgs. 88-94 (1996)	
		Yu-Lee et al., J. Biol. Chem, 258: pgs 10794-10804 (1983)	
		Wu and Grossman Eds., Methods in Enzymology, Vol. 155, Recombinant DNA, Part F, pgs. 111-119, 131-139, 449-467, 501-527 (1987)	
		Crea et al., Proc. Natl. Acad. Sci., USA, 75: 5765-5769 (1978)	

Examiner Signature



Date

Considered

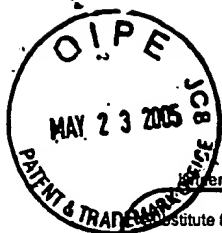
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Application Number 09/849,657

Filing Date 04-May-2001

First Named Inventor Meade, Harry M.

Art Unit 1632

Examiner Name J. Hama

Attorney Docket Number GTC-21

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		Myers et al., CABIOS 1989.	
GH		Wu et al., "Methods in Enzymology," Vol. 153, "Recombinant DNA Part D," 1987.	
		Seott Hegenhart, Food Product Design, 1993.	

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